

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	48	digital near (audio voice music sound) near mixer and @ad<"20001227"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/22 11:33
S2	884	((700/94) or (381/119)).OCLS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/22 11:35
S3	400	S2 and @ad<"20001227"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/22 11:35
S4	1	("5621805").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/22 12:00
S5	1	("5621805").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/30 12:55
S6	4	("5159453" "5231240" "5392284" "5402499").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/26 17:02
S7	2	((("5341,253") or ("5608,707"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/27 12:05
S8	151	(369/4).OCLS	US-PGPUB; USPAT	OR	OFF	2005/08/30 12:55
S9	57	S8 and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2005/08/30 12:55

S10	182	(369/2).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/30 13:01
S11	52260	"I1" and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2005/08/30 13:01
S12	13446	"I4" and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2005/08/30 13:01
S13	76	S10 and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2005/08/30 13:10
S14	20	381/119.ccls. and 381/107.ccls.	US-PGPUB; USPAT	OR	OFF	2005/08/30 13:11
S15	8455284	S14 and @ad<"20001228"	US-PGPUB; USPAT	OR	OFF	2005/08/30 13:11
S16	18	S14 and @ad<"20001228"	US-PGPUB; USPAT	OR	OFF	2005/08/30 13:11
S17	267	381/107.ccls. and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 10:35
S18	75	381/102.ccls. and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2005/08/30 13:16
S21	42	determine near (scale amplif\$6 attenuat\$4) with processor and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2005/08/30 16:28
S22	61	determine near (scale amplif\$6 attenuat\$4) same (audio sound music) and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2005/08/30 16:28
S23	27	automatic with digital with volume adj control and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2005/08/30 16:54
S24	12	(computer adj server).ti. and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2005/08/30 16:56
S25	1198	(personal adj computer adj server) and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2005/08/30 16:56
S26	6	(personal adj computer adj server).ab. and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2005/08/30 16:56

S27	54	(US-20030091204-\$).did. or (US-6597961-\$ or US-4939714-\$ or US-5166835-\$ or US-5060273-\$ or US-6259957-\$ or US-RE30482-\$ or US-5225945-\$ or US-6181798-\$ or US-4555737-\$ or US-5055939-\$ or US-4423441-\$ or US-4327382-\$ or US-5774478-\$ or US-4947255-\$ or US-5513267-\$ or US-5960092-\$ or US-4210781-\$ or US-4907277-\$ or US-4803684-\$ or US-5687240-\$ or US-5673363-\$ or US-4604657-\$ or US-5487067-\$ or US-5757941-\$ or US-4409682-\$ or US-5805537-\$).did. or (US-5524060-\$ or US-6681018-\$ or US-6259793-\$ or US-4627098-\$ or US-5526434-\$ or US-5954834-\$ or US-4030129-\$ or US-4763293-\$ or US-4493047-\$ or US-4497055-\$ or US-4541089-\$ or US-4851934-\$ or US-6353169-\$ or US-5592398-\$ or US-5396618-\$ or US-4757518-\$ or US-5451942-\$ or US-5493547-\$ or US-5406634-\$ or US-5812685-\$ or US-4922536-\$ or US-5644365-\$ or US-4852168-\$ or US-5416529-\$ or US-6534700-\$).did. or (US-3470533-\$ or US-3224115-\$).did. or (GB-2140248-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/03/08 13:32
S28	32	("4769839" "4814761" "5054044" "5175771" "5212739" "5276682" "5349583").PN. OR ("5487067").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 14:58
S29	152	scale with relation with (audio sound music)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 14:58
S30	0	scale with relation with (audio sound music) with compare and @ad<"20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 14:59
S31	25	scale with relation with (audio sound music) and @ad<"20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:00
S32	0	equalize with two with (audio sound music) with file!	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:01

S33	3	equalize with (audio sound music) with file!	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:00
S34	15	equalize with two with (audio sound music) and @ad< "20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:02
S35	63	remote adj mixer	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:02
S36	5	remote adj mixer and (sound audio music) and @ad< "20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:03
S37	2	compare with (audio sound music) with equalize	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:03
S38	17	("4969385" "5283638" "5444676" "5541354").PN. OR ("5768126").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:11
S39	21	equalizing with multiple with (audio sound music)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:11
S40	9	equalizing with multiple with (audio sound music) and @ad< "20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:22
S41	26	equalizing with plurality with (audio sound music) and @ad< "20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:23
S42	0	analyze with (audio sound music) with equalize	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:23
S43	51	analyz\$4 with (audio sound music) with equaliz \$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:23
S44	29	analyz\$4 with (audio sound music) with equaliz \$4 and @ad< "20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/13 12:55
S45	41	compare with (audio sound music) adj file!	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:25
S46	0	compare with (audio sound music) adj file! same equalize	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:25
S47	0	compare with (audio sound music) adj file! same equaliz\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:25

S48	0	(compare with (audio sound music) adj file!) with mix\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:25
S49	0	(compare with (audio sound music) adj file!) same gain	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:25
S50	6	compare with (audio sound music) adj file! and @ad<"20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:26
S51	0	gain same compare same (audio sound music) adj file! and @ad<"20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:28
S52	0	analy\$4 same gain same (multiple plurality) near (audio sound music) near (stream! file!)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:29
S53	6	analy\$4 same (multiple plurality) near (audio sound music) near (stream! file!)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:29
S54	80	(compar\$4 analy\$4 determin\$4) with (plurality multiple two) with (audio sound music) with gain	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:30
S55	7	("4882762" "5500902" "5550902" "5724433" "5832097" "5832444" "5848171").PN. OR ("6873709").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:50
S56	10	((compare analyze determine) near3 (scale gain)) same (plurality multiple) near3 (audio sound music)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:53
S57	380	((compare analyze determine) near3 (audio sound music)) same (scale gain attenuate amplify)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:54
S58	0	((compare analyze determine) near3 ((audio sound music) adj files!)) same (scale gain attenuate amplify)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:55
S59	0	((compare analyze determine) near3 ((audio sound music) adj file)) same (scale gain attenuate amplify)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 15:55

S60	154	((compare analyze determine) near3 (audio sound music)) same (scale gain attenuate amplify) and @ad< "20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 16:05
S61	76	gaddy.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 16:05
S62	0	gaddy.in. and marshall.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 16:05
S63	0	"09751151"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 16:50
S64	5	compare with (two plurality multiple) with (audio music sound) same (amplify attenuate gain scale) and @ad< "20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 16:52
S65	334	381/119.ccls. and @ad< "200012267"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 16:52
S66	178	381/119.ccls. and @ad< "20001227"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 18:00
S67	6	((("6,018,726") or ("5,697,844") or ("5,561,709") or ("5,499,921") or ("5,252,775") or ("4,593,904"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/08 18:00
S68	138	normali\$4 with (multiple two plurality) with (audio sound music)	US-PGPUB; USPAT	OR	OFF	2006/03/13 12:54
S69	63	S68 and @ad< "20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 10:36
S70	12	("5506907" "5519681" "5587978" "5590108" "5737720").PN. OR ("5859826").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/09 11:37
S71	4	S70 and scale	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/09 11:37
S72	11070	(multiple two plurality "multichannel" "multi channel" "multi-channel") near3 scale and @ad< "20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:42

S73	1	(multiple two plurality "multichannel" "multi channel" "multi-channel") near3 scale near (audio sound music) and (mixer mix multiplex \$4) and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:43
S74	6	(multiple two plurality "multichannel" "multi channel" "multi-channel") near3 scale near (audio sound music) and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:47
S75	201	(369/4,5).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:47
S76	80	S75 and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:54
S77	452	(381/104).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:54
S78	232	S77 and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:55
S79	1298	(381/104-109).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:59
S80	672	381/119	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:55
S81	2161	((381/119) or (369/4,5,47.2,275.3)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:56
S82	72	S79 and S81	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:56
S83	52	S82 and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 11:56
S84	827	S79 and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 12:00
S85	52	S80 and compare	US-PGPUB; USPAT	OR	OFF	2006/03/09 12:00
S86	80	S84 and compare	US-PGPUB; USPAT	OR	OFF	2006/03/09 12:02

S87	0	compare with digital adj (audio sound music) same ("scale factor")	US-PGPUB; USPAT	OR	OFF	2006/03/09 12:02
S88	0	compare with digital adj (audio sound music) same scale	US-PGPUB; USPAT	OR	OFF	2006/03/09 12:02
S89	127	(scale attenuate amplify) with (audio sound music) with (plurality multiple two) with (determin\$4 analy\$4 compar\$4)	US-PGPUB; USPAT	OR	OFF	2006/03/09 12:11
S90	59	S89 and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 12:03
S91	113	381/59.ccls. and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 12:19
S92	188	381/56.ccls. and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2006/03/09 12:23
S93	0	((("US-5,371,428A") or ("US-6,232,702B1") or ("US-4,864,918") or ("US-US20030011282A1") or ("US-5,965,970A") or ("US-5,481.152A") or ("US-6,348,115B1") or ("US-6,045,642A") or ("US-2,477,596") or ("US-4,283,605") or ("US-6,274,261B1"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/27 16:45
S94	3	((("5,371,428A") or ("6,232,702B1") or ("4,864,918") or ("20030011282A1") or ("5,965,970A") or ("5,481.152A") or ("6,348,115B1") or ("6,045,642A") or ("2,477,596") or ("4,283,605") or ("6,274,261B1"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/27 16:46
S95	10	((("5,371,428") or ("6,232,702") or ("4,864,918") or ("20030011282") or ("5,965,970") or ("5,481.152") or ("6,348,115") or ("6,045,642") or ("2,477,596") or ("4,283,605") or ("6,274,261"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/27 16:49
S96	1	("6771785").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/27 16:49

S97	18	("3783202" "3816671" "3908098" "4081626" "4122302" "4291244" "4404489" "4695986" "4786837" "4823908" "4887248" "4963782" "5287331" "5539705" "5600610" "6151398" "6570300" "6584206").PN. OR ("6771785").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 16:50
S98	10	S97 and insul\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 17:00
S99	713	(layer blanket) and (transducer! microphone!) and ((acoustic) with insul\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 16:54
S100	324	(layer blanket) with (transducer! microphone!) and ((acoustic) with insul\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 16:54
S101	139	(layer blanket) with (transducer! microphone!) same ((acoustic) with insul\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 16:54
S102	14	(layer blanket) with (transducer! microphone!) same ((acoustic) adj insul\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 16:54
S103	4	("2746026").URPN.	USPAT	OR	OFF	2006/10/27 16:56
S104	18	("3783202" "3816671" "3908098" "4081626" "4122302" "4291244" "4404489" "4695986" "4786837" "4823908" "4887248" "4963782" "5287331" "5539705" "5600610" "6151398" "6570300" "6584206").PN. OR ("6771785").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 16:59
S105	0	(acoustic adj insulat\$4) with (multiple plurality) with transducer!	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 17:01
S106	0	(acoustic adj insulat\$4) with transducers	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 17:01
S107	0	(acoustic adj insulat\$5) with transducers	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 17:01

S108	0	(acoustic adj insulat\$5) with tranducer	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 17:01
S109	6	(acoustic adj insulat\$4) with (multiple plurality) with transducer!	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 17:01
S110	4	"6206134"	US-PGPUB; USPAT	OR	OFF	2006/10/27 17:17
S111	6	normalize with (audio adj file!)	US-PGPUB; USPAT	OR	OFF	2007/05/10 10:48
S112	1	equalize with (audio adj file!)	US-PGPUB; USPAT	OR	OFF	2007/05/10 10:49
S113	0	369/43.ccls. and 381/119	US-PGPUB; USPAT	OR	OFF	2007/05/10 10:49
S114	0	369/43.ccls. and 381/119.ccls.	US-PGPUB; USPAT	OR	OFF	2007/05/10 10:49
S115	92	(369/43.ccls. 381/119.ccls.) and file	US-PGPUB; USPAT	OR	OFF	2007/05/10 10:49
S116	42	S115 and @ad<"20001227"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:31
S117	1	("5774567").PNL	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:34
S118	0	("scalefactor"with"rootmeansquar \$3"with"peakabsolute").PNL	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:35
S119	0	"scale factor" with "root mean squar\$3" with "peak absolute"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:35
S120	0	"scale factor" same "root mean squar\$3" same "peak absolute"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:35
S121	0	"scale factor" and "root mean squar\$3" and "peak absolute"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:35
S122	4	"scale" and "root mean squar\$3" and "peak absolute"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:35

S123	0	"381.class" and "root mean squar\$3" with "peak absolute"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:37
S124	0	"381.class" and "root mean squar\$3" and "peak absolute"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:37
S125	0	"381.class" and ("root mean squar\$3" rms) and "peak absolute"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:37
S126	0	"381.class" and ("root mean squar\$3" "rms") and "peak"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:37
S127	0	"381.class" and ("root mean" adj squar\$3) "rms") and "peak"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:37
S128	17616	((("root mean" adj squar\$3) "rms") and "peak"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:38
S129	4766	((("root mean" adj squar\$3) "rms") with "peak"	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:38
S130	48	((("root mean" adj squar\$3) "rms") with "peak" with scale	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:38
S131	16	((("root mean" adj squar\$3) "rms") with "peak" with scale adj factor	US-PGPUB; USPAT	OR	OFF	2007/05/10 11:38
S132	2225	((700/94) or (381/119,107) or (369/4)).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/19 10:45
S133	0	"automatically determining scale factors" and "combining each of said scaled"	US-PGPUB; USPAT	OR	OFF	2007/11/19 10:45
S134	4444	(455/550.1,556.1-556.2).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/05 11:07
S135	16	S134 and (audio sound music) same (sync\$6)	US-PGPUB; USPAT	OR	OFF	2007/12/05 11:08
S136	19	S134 and (audio sound music) same (surround)	US-PGPUB; USPAT	OR	OFF	2007/12/05 11:09

S137	8	("5588842" "5689081" "5691494" "5824934" "5885085" "6062868" "6074215" "RE37131").PN. OR ("7142807"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/05 11:19
S138	0	"Ju-Byung Lee".in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/05 11:20
S139	4	lee-ju-byung.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/05 11:20

12/5/2008 1:06:15 PM

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